AT 542NC ATI Amplifier (expo) 2 190,00 €

Galerie

Description courte du produit

- 500W per channel
- 1 to 4 channels
- Class D

Description du produit

Designed and built on the musical and highly efficient Hypex N-Core® amplifier technology, the AT54XNC Series amplifiers deliver a substantial 500 watts per channel. By bridging each pair of amplifier output modules, output power is increased by 2.5x for greater headroom, loudspeaker drive and sonic impact. Available in 4 models from 1 to 4 channels, the AT54XNC Series offers efficient amplifier performance and value. High current toroidal transformers, a standard for all ATI power amplifiers, provide clean power and performance stability.

The AT54XNC Series amplifiers have been engineered for high power, compact and efficient amplifier choices for multi-channel listening systems. AT54XNC have been designed with balanced bridged output modules and paired with ATI-designed custom gain stages and a linear power supply. Each pair of balanced bridged Hypex N-Core® amplifier modules produce up to 500 watts with 4 ohm loudspeakers which are recognized by the amplifier as 2 ohm loads.

ATI’s proprietary voltage-sensing power supply automatically selects the correct voltage, therefore allowing the AT54XNC Series to perform properly from 100VAC to 260VAC. The amplifiers are protected from overload, DC faults and thermal conditions.

There is also a 1/8” mono mini jack for +12V trigger, a gold-plated chassis ground lug, a fuse holder and an IEC 20 Amp inlet for the provided detachable power cord. The supplied power cord will have either: a NEMA 5-15 plug (Type B) for use in the USA, a BS 1363 (Type G) plug for use in the UK, or a Schuko (Type F) plug for use in the EU and the rest of the world.

Numbers of Channels

1-4

FTC Full Bandwidth Power Output@ 8Ω (Watts RMS)

500W

FTC Full Bandwidth Power Output@ 4Ω (Watts RMS)

500W

Input Sensitivity for Full Rated FTC Output Power - 8Ω

2.35 Volts

Frequency Response

+0,-0.5dB 20Hz - 20kHz

Signal-to-Noise Ratio (Ref FTC Rated Power, A-Wtd)

>120dB

Total Harmonic Distortion + Noise (20Hz - 20kHz)

<0.02%

Intermodulation Distortion

<0.03%

Recommended Load Impedance

Safe for all types of loads. Rated for 4Ω to 16Ω.

Power Bandwidth FTC

+0,-3 dB 20Hz - 40kHz

Damping Factor

>400

Crosstalk

>90dB

Voltage Gain (RCA Inputs)

28.5dB ±0.2dB

Voltage Gain (XLR Inputs)

28.5dB ±0.2dB

Slew Rate

>60V/µS

Input Impedance

20kΩ

Output DC Offset

Less Than ±25mV

Power Requirements

Universal Auto-Select AC Voltage Ranges: 90-132 VAC or 200-260VAC - 1x 20 Amp Circuit ≤1W (120 VAC)

Power Consumption (Standby)

≤0.5W (240 VAC)

Power Consumption (Idle)

AT541NC: 30W/20W

AT542NC: 40W/20W

AT543NC: 60W/30W

AT544NC: 80W/40W

Chassis Dimensions (W x H x D) mlllimeters

AT541NC: 216 x 153 x 270

AT542NC: 432 x 153 x 270

AT543NC-AT544NC: 432 x 153 x 394

Net Weight (lbs/kg)

AT541NC: TBD

AT542NC: 36/16

AT543NC: 59/27

AT544NC: 65/30

Shipping Weight (lbs/kg)

AT541NC: 43/20

AT542NC: 49/22

AT543NC: 69/31

AT544NC: 79/36